

Table 2. Area and volume calculations from bathymetric contours for Laurel Lake.

Depth Contour (feet below water level)	Area (sq. ft.)	Avg. Area (sq. ft.)	Incremental Volume (cu. ft.)	Cumulative Volume (cu. ft.)
55	0	0	0	0
50	404,224	202,112	1,010,560	1,010,560
45	1,369,253	886,738	4,433,692	5,444,252
40	1,930,031	1,649,642	8,248,210	13,692,462
35	2,328,375	2,129,203	10,646,014	24,338,476
30	2,832,326	2,580,350	12,901,751	37,240,227
25	3,267,959	3,050,142	15,250,711	52,490,939
20	3,766,123	3,517,041	17,585,204	70,076,142
15	4,657,126	4,211,624	21,058,121	91,134,264
10	5,454,189	5,055,657	25,278,286	116,412,549
5	6,370,811	5,912,500	29,562,500	145,975,049
0	7,187,429	6,779,120	33,895,601	179,870,649

Total water volume in Laurel Lake = 179,870,649 cu. ft.
Mean water depth in Laurel Lake = 25.03 ft.